IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Original) An isolated nucleic acid molecule comprising a nucleotide sequence at least 80% identical to the nucleotide sequence of SEQ ID NO:3, wherein the nucleic acid molecule encodes polypeptide comprising an N-terminal mGluR-like domain and a C-terminal unique domain.

Claim 2 (Original) The nucleic acid molecule of claim 1, comprising a nucleotide sequence at least 90% identical to the nucleotide sequence of SEQ ID NO:3.

Claim 3 (Original) The nucleic acid molecule of claim 1, comprising a nucleotide sequence at least 95% identical to the nucleotide sequence of SEQ ID NO:3.

Claim 4 (Original) An isolated nucleic acid molecule which encodes a polypeptide comprising an amino acid sequence at least 80% identical to the amino acid sequence of SEQ ID NO:2, wherein the polypeptide comprises an N-terminal mGluR-like domain and a C-terminal unique domain.

Claim 5 (Original) An isolated nucleic acid molecule which encodes a polypeptide comprising an amino acid sequence at least 80% identical to the amino acid sequence of SEQ ID NO:2, wherein the polypeptide lacks a transmembrane domain.

Claim 6 (Original) An isolated nucleic acid molecule which encodes a polypeptide comprising an amino acid sequence at least 80% identical to the amino acid sequence of SEQ ID NO:2, wherein percent identity is determined using a global alignment algorithm.

Claim 7 (Original) The nucleic acid molecule of claim 6, wherein percent identity is determined according to the ALIGN algorithm using a PAM120 weight residue table, a gap length penalty of 12 and a gap penalty of 4.

Claim 8 (Original) The nucleic acid molecule of any one of claims 4-7, wherein the amino acid sequence encoded is at least 90% identical to the amino acid sequence of SEQ ID NO:2.

Claim 9 (Original) The nucleic acid molecule of any one of claims 4-7, wherein the amino acid sequence encoded is at least 95% identical to the amino acid sequence of SEQ ID NO:2.

Claim 10 (Original) An isolated nucleic acid molecule which hybridizes to a complement of a nucleic acid molecule comprising SEQ ID NO:3 under stringent conditions, wherein the nucleic acid molecule encodes polypeptide comprising an N-terminal mGluR-like domain and a C-terminal unique domain.

Claim 11 (Original) An isolated nucleic acid molecule which hybridizes to a complement of a nucleic acid molecule comprising SEQ ID NO:1 under stringent conditions, wherein the nucleic acid molecule encodes a polypeptide lacking a transmembrane domain.

Claim 12 (Original) An isolated nucleic acid molecule comprising the DNA insert of the plasmid deposited with ATCC as Accession Number PTA-2775.

Claim 13 (Original) An isolated nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO:1, or a complement thereof.

Claim 14 (Original) An isolated nucleic acid molecule which encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2.

Claim 15 (Original) The nucleic acid molecule of any one of claims 1, 4-6 and 10-14, further comprising vector nucleic acid sequences.

Claim 16 (Original) The nucleic acid molecule of any one of claims 1, 4-6 and 10-14, further comprising nucleic acid sequences encoding a heterologous polypeptide.

Claim 17 (Original) A host cell which contains the nucleic acid molecule of any one of claims 1, 4-6 and 10-14.

Claim 18 (Original) The host cell of claim 17 which is a mammalian host cell.

Claim 19 (Original) A non-human mammalian host cell comprising the nucleic acid molecule of claim any one of claims 1, 4-6 and 10-14.

Claims 20-35 (Canceled)

Claim 36 (Original) A method for producing a polypeptide encoded by the nucleic acid molecule of any one of claims 1, 4-6 and 10-14, comprising culturing a host cell which contains the nucleic acid molecule, under conditions in which the nucleic acid molecule is expressed.

Claim 37-58 (Canceled)